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With this submission, Commissariat A L'Energie Atomique ("Assignee") hereby does not revoke any previous powers of attorney given in any patent applications assigned to Assignee according to the USPTO assignment records (or assignment documents attached to this form in accordance with 37 CFR 3.73(b)). Assignee understands that execution of this document is required by the patent laws in order for the attorneys listed below to correspond with the patent office in the aforementioned patent applications and that this document does not create an attorney - client relationship with the practitioners listed below.

Commissariat A L'Energie Atomique
31-33 rue de la Federation
75015 Paris, France



hereby appoints the practitioners associated

with the Customer Number :

00043831

as attorney(s) or agent(s) to represent

Commissariat A L'Energie Atomique

before the United States Patent and

Trademark Office (USPTO) in connection with:



any and all patent applications assigned to _____

according to the USPTO assignment records; or



patent applications assigned to Commissariat A L'Energie Atomique

as indicated in licensing documents attached to this form in accordance with 37 CFR 3.73(b).



hereby appoints the following practitioner(s) :

Name	Registration No.

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with:

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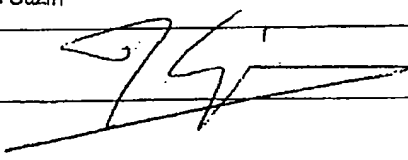
3.73(b)

to: ☒ The address associated with Customer Number:

00043831

Commissariat A L'Energie Atomique is the:

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE on behalf of Applicant or Assignee of Record	
Name	Marc Cuzin
Signature	 Marc CUZIN Chef du Service Accords et Propriété Industrielle
Title	
Date	744. 21 th , 2006
Telephone	+33 4.38.78.41.33

JS

CEA (ref: LB277)

ORIGINAL

XANTIMA LLC

PATENT LICENSE AGREEMENT

BETWEEN:

XANTIMA LLC, a Nevada limited liability company having an office at 2215-B Renaissance Drive, Suite 6, Las Vegas, Nevada 89119

Hereinafter referred to as "Licensee"

AND:

THE COMMISSARIAT A L'ENERGIE ATOMIQUE, a French public agency, having its principal registered office at 81-88 rue de la Federation, 75016 Paris, France, represented by M. Bernard Barbler, Director of the LETI (Laboratory of Electronics and Information Technologies of CEA)

Hereinafter referred to as "CEA"

CEA and Licensee may each be referred to individually as a "Party" or collectively as "Parties".

WHEREAS

1.8 "Licensed Patents" means each of the patents and pending patent applications as listed in *Exhibit A-1*, *Exhibit A-2*, hereto, and all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, and divisions of such patents and applications; and foreign counterparts to any of the foregoing including without limitation utility models,

1-3 LICENSE GRANT

3.1 License terms

As of the date OEA receives the Up-Front License Fee of section 4.1, OEA hereby grants to Licensee and its Affiliates who accept, a worldwide license of all rights of any kind conferred by the Licensed Patents, including, without limitation, the rights to make, have made, develop, use, import, offer for sale, sell or otherwise dispose any products or services implementing all or part of the Licensed Patents in any field of use.

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The licensee right includes the right for Licensee to grant and authorize sublicenses subject to the terms and conditions of this Agreement. Any sublicenses granted by Licensee under this Agreement shall be subordinate to the terms and conditions of this Agreement; provided, however, that no sublicense granted to any third party pursuant to the terms of this Agreement shall be terminable as a result of the termination of this Agreement, subject to the terms of section 8.4.

[illegible]

5.1 Conduct of Prosecution and Maintenance of Licensed Patents

The conduct of the filing, prosecution or maintenance of Licensed Patents shall be under the Licensee's sole control and liability, provided that Licensee shall keep OEA duly informed on such matters, on a regular basis, and at least every year. Licensee agrees to consult with OEA regarding filing any continuations in part that are Licensed Patents.

5.2 Costs of filing prosecution and maintenance.

As between OEA and Licensee, Licensee shall bear all costs incurred for the preparation, filing, prosecution, maintenance and defense of all Licensed Patents after the Effective Date.

EXHIBIT A-1

Patent Rights To Be granted on an exclusive basis

CEA/P Reference	Country	Application Number	Date	Publication Number	Patent Number	Status	Date
DD1802	US	06/108544	06/10/1998	2770059	6847112	granted	12/02/2002
	FR	0713299	22/07/1997		0718286	granted	18/11/1999
DD1803	EP (DE GB IT)	06402807/0	20/10/1998	2770060 P17206	017206	granted	22/12/2004
	US	06/108542	06/10/1998		6849108	granted	18/02/2002
DD1804	FR	0718239	22/10/1997	2770060 P17206	0718236	granted	18/11/1999
	EP (DE GB IT)	06402806/2	20/10/1998			published	18/05/1999
DD1804	US	06/108548	06/10/1998	2770060	686647	granted	01/01/2002
	FR	0718237	22/10/1997		0718237	granted	18/11/1999
DD1774	EP (DE GB IT)	06402806/4	20/10/1998	2770060	017001	granted	22/12/2004
	US	06/288918	12/08/1998		6414849	granted	02/07/2002
DD1816	FR	0608588	24/08/1998	2770060	0608588	granted	08/08/2000
	EP (DE GB IT)	06400700/8	22/03/1999		045988	granted	18/05/2005
DD1816	OA	2288640	22/03/1999	2770060		filed	24/11/2003
	US	06/38388	10/08/1998	2770060	6621888	granted	18/09/2003
DD1805	FR	0614335	11/08/1998		060188	published	8/08/2000
	EP (DE GB IT)	06402221/8	08/08/1999			published	15/09/2000
DD1805	US	06/098578	21/08/2000	2795888 1065797	6818808	granted	11/02/2004
	FR	0608470	01/07/1998		0908470	granted	17/01/2001
DD2117	EP (DE GB IT)	06404857/8	28/08/2000	2008-145111 2818850 1285881		published	08/01/2001
	US	10/020414	18/12/2001		0018928	granted	8/07/2005
DD2222	FR	0016829	22/12/2000	2004-52803 2888582 4447918 200818882		granted	01/04/2003
	EP (DE GB IT)	01403817/9	20/12/2001			published	28/08/2002
DD2222	US	10412185	11/04/2003	2004-52803 2888582 4447918 200818882	204818	published	16/03/2004
	FR	024818	12/04/2002			granted	21/05/2004
DD2222	EP	03100970/7	10/04/2003			published	18/01/2004
	JP	2008108948	10/04/2003			published	07/11/2003

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EXHIBIT A-2

Patent Rights To Be granted on a non-exclusive basis

PATENT NUMBER	COUNTRY	Application Number	Date	Publication Number	Patent Number	Status	Date
DD1804	US WO FR EP (DE GB IT)	10/182404 01/00204 1184 01804001/3	30/01/2001 30/01/2001 31/01/2000 00/01/2001	2000-161387 01/60037 2004580	1252722	published expired published granted	25/08/2005 30/09/2005 03/08/2001 25/08/2004
DD1804	US WO FR EP	10/460447 01/04218 17205 0198888/7	27/12/2001 27/12/2001 18/12/2000 27/12/2001	2004-0047815 02/054811 2818125 1848488	17205	published expired granted published	03/11/2004 27/03/2004 02/04/2004 24/09/2008
DD1807	US FR OA EP (DE GB IT)	00/747202 8514822 2191551	12/11/1990 04/12/1995 28/11/1998	2748014	5789085 9514822 778877	granted granted abandoned granted	25/08/1990 08/01/1998 11/28/2000 14/08/2002
DD1804	US FR EP (DE GB IT)	08/888250 8514671 074028558	07/11/1997 28/11/1998 27/11/1997	2768892 845887	5963584 8514671	granted granted published	05/10/1999 01/01/1999 03/08/1998
DD1808	US WO FR EP (DE GB IT NL)	10/030158 00/02177 8809947 0085864/7	28/07/2000 28/07/2000 30/07/1999 28/07/2000	01/10051 2787122 1188808		filed expired published published	28/07/2000 28/03/2003 02/02/2001 24/04/2002
DD2088	US WO FR EP (DE GB IT NL)	10/048488 01/01828 007581 01845412/8	19/06/2001 13/06/2001 14/06/2000 18/08/2001	20020185265 01/87398 2810477 1280008	007581	published expired granted published	13/02/2004 13/12/2004 28/07/2002 12/03/2003
DD2085	US WO FR EP	10/450015 01/04214 17288 0198883/5	27/12/2001 27/12/2001 28/12/2000 27/12/2001	20040022800 02/054812 2818125 1345480	17288	published expired granted published	02/05/2004 27/08/2004 21/03/2003 24/09/2003
DD1776	US WO FR OA EP (FR DE ES GB IT)	09/701881 8801287 8808862 8892384/2	02/08/1999 02/08/1999 03/08/1998 02/08/1999 02/08/1999	08/33878 2778580	1084535 1084535	filed expired abandoned abandoned granted	02/08/1999 02/02/2000 09/04/2008 18/10/2000 01/12/2002
DD1878	US FR EP (DE GB IT)	08/588511 8904172 0040087/7	30/03/2000 02/04/1990 30/03/2000	2701841	6878338 8904172 1041730	granted granted granted	13/01/2004 11/05/2001 25/02/2004
DD1887	US FR EP (DE GB IT)	08/588883 8908308 004018164	20/06/2000 29/08/1999 25/06/2000	2785884	8908308 1058649	filed granted granted	20/06/2000 05/10/2001 08/04/2003
DD2051	US FR EP (DE GB IT)	08/855648 0010801 01402228/0	24/08/2001 29/08/2000 24/08/2001	2818474 1184888	0010801	filed granted published	24/08/2001 13/12/2002 03/03/2002

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Commissariat A L'Energie AtomiqueApplication No./Patent No./Control No.: 09/595,893 Filed/Issue Date: 6/20/2000Entitled: MULTI-MODULATION/DEMODULATION TRANSMISSION PROCESS, CORRESPONDING TRANSMITTER AND RECEIVERCommissariat A L'Energie Atomiquea French Public Agency

(Name of Assignee)

(Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

In the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a true copy of the original assignment is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Jean-Rene Lequepeys, et. al To: Commissariat A L'Energie Atomique
The document was recorded in the United States Patent and Trademark Office at
Reel 011353, Frame 0110, or for which a copy thereof is attached.

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Kenneth J. Cool - Reg. No. 40,670/August 7, 2006SignatureDateKenneth J. Cool503.439.6500Printed or Typed NameTelephone NumberPatent AttorneyTitle

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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